



Downtown Green Bay

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What: *December 2021 ASHRAE Journal Featured Article—Wire-to-Air Fan System Efficiency*

Where: Virtual Teams Meeting

When:

Teams Presentation—Tuesday March 15th, 11:30am—12:30pm CST

After-Hours Event— Tuesday March 15th, The Turn Green Bay, 5:30pm CST

Details:

At the heart of every air-handling system is a fan or set of fans that move air and overcome system losses. When coupled with motors, which turn electrical power into mechanical power, fans convert that mechanical power into air power. In modern, high-performance systems, motor controllers are often used to provide speed control. Each of these components—fan, motor and controller—have inherent losses or inefficiencies. These losses can be measured in a laboratory to evaluate the net effect on the system’s wire-to-air efficiency, which describes the total electrical energy needed to produce the required airflow and pressure. The study discussed in this article compares four different fan-motor-controller systems as part of a strategy for improving wire-to-air efficiency.

Please join us for a social hour and Topgolf’s Swing Suite at The Turn Green Bay. A location map and details are included on the next page. We look forward to seeing you there!

Speaker:

Brandon Diaz is a senior mechanical engineer and air handling fan systems subject matter expert at Johnson Controls. Brandon received his B.S. in Engineering with a concentration in Electrical Engineering from Elizabethtown College, and an M.S. in Electrical Engineering from the University of Pennsylvania. Brandon has extensive experience working with Paul Bauch from Johnson Controls who co-authored the ASHRAE December 2021 featured article.

Save The Date!

April 7th - Mick Schwedler, 21-22 ASHRAE President will be visiting our chapter. We will be hosting an event inside Lambeau Field at the MVP Suite!

More details to follow please stay tuned!

2021-22 SCHEDULE

April 7h - ASHRAE President Visit— MVP Suite at Lambeau Field

May 18th-21st - 2022 Region VI CRC (Minneapolis, MN)

June - Golf Outing

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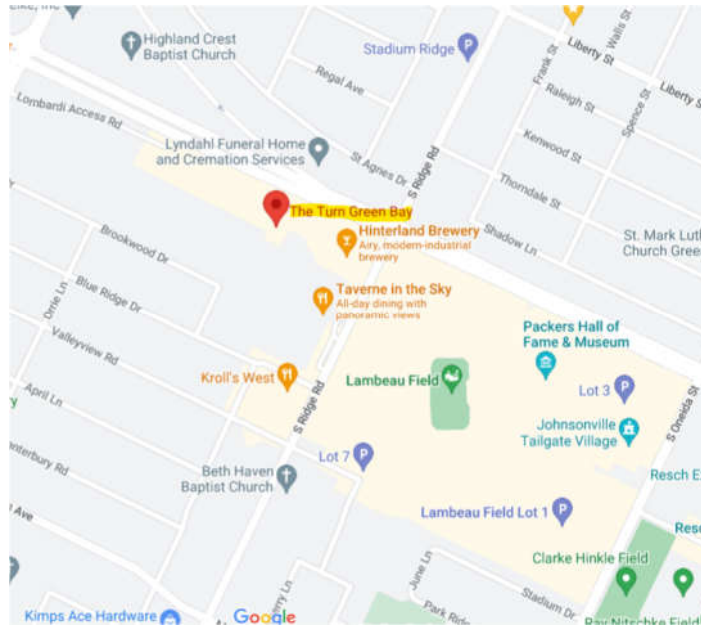
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Treasurer

Tim Mulroy

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The Turn Green Bay—1025 Lombardi Ave Suite 120, Ashwaubenon, WI 54304



A golf suite is reserved from 5:30—7:30pm CST!



If golf isn't for you there are a number of other games to play:

Zombie Dodgeball

Carnival Classic

Hockey Shots

Quarterback Challenge

Penalty Kick

Baseball Pitch